CLAIMS

1. An electrical connector for a flat cable, comprising:

a substantially boxed-shaped housing having an open mouth to receive a flat cable, at least one receiving slots, and a opening which is made on an inner surface of an upper wall of said housing;

at least one terminal inserted into said receiving slot from a side of said housing, and arranged in said housing, said terminal having a contact section at a position facing to said open mouth;

a pressure member which can freely rotate around a rotational axis positioned on an opposite side of said contact section to a flat cable which is inserted from said open mouth and arranged on said contact section, can freely rotate between an open position to open an inserting space which enables insertion of the flat cable into said open mouth and a closed position to push the flat cable towards said contact section closing said inserting space, and can move into said opening when it turns over to said open position; and

a support member held in said housing, said support member having a bearing section to support said pressure member so that said pressure member can freely turn over, and the edge of said bearing section being positioned outer than an inner surface of an upper wall of said housing.

2. The electrical connector according to claim 1, wherein said housing has a lower wall which covers a substantially whole area of a lower surface of said housing so that said housing can be placed on a circuit board to attach said electrical connector to the circuit board.

3. The electrical connector according to claim 1, wherein each of said terminal works as said support member, and has an upper arm and a lower arm which extend along inner surfaces of the upper wall and the lower wall of said housing respectively, at least said lower arm having flexibility towards said upper arm, and being inserted and attached to said housing along said inner surfaces of said upper and said lower walls.

4. The electrical connector according to claim 3, wherein said lower arm has a lower edge slanted upward to its end.

5. The electrical connector according to claim 4, wherein said lower arm is more flexible than said upper arm.

6. A method for manufacturing the electrical connector according to claim 3, which comprises the steps of:

inserting said terminal into said receiving slot in a manner that said upper arm and said lower arm are guided by inner surfaces of said upper and lower walls respectively, while said lower arm is deflected toward said upper arm and then deflected back to its original shape at a time of insertion to a predetermined position.

7. A method for manufacturing the electrical connector according to claim 4, which comprises the steps of:

tilting said terminal downward so that a slanted part of said lower arm is parallel to said inner surface of said lower wall;

inserting said terminal such that said slanted part is guided to said inner surface of said lower wall; and

completing said insertion to a predetermined position by releasing said tilting of said lower arm.